

19980807.ba v02\_n158.bam.980807

>From ???@??? Sat Aug 08 02:50:14 1998  
Message-Id: <199808080029.TAA00012@sco.theporch.com>  
Date: Fri, 7 Aug 1998 19:29:00 CDT  
Subject: BOATANCHORS digest 2158

BOATANCHORS Digest 2158

Topics covered in this issue include:

- 1) Re: BA rah-rah  
by polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
- 2) Re: hro-500 again  
by Raymond Cote <rcote@pixi.com>
- 3) 75A-4 birdies  
by "Bill Coleman N2BC" <n2bc@ibm.net>
- 4) TV10 settings for oldies  
by polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
- 5) Re: 75A-4 birdies  
by "Mike B. Feher" <n4fs@monmouth.com>
- 6) 2A3 oscillations anyone?  
by polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)
- 7) Need help to buy a Collins filter  
by midshires@cix.co.uk (Andrew Emmerson)
- 8) Re: 75A-4 birdies  
by "Bill Coleman N2BC" <n2bc@ibm.net>
- 9) Question re R-1051 receivers  
by WJoew@aol.com
- 10) RE: TV10 settings for oldies  
by "Owens, Clarence" <owensc@nebeng.otis.com>
- 11) Filter of sorts in SX-42???  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 12) Knurled fastener source?  
by JESelkregg@aol.com
- 13) Tell Me About The National RDZ  
by jkh@lexis-nexis.com (John Heck)
- 14) Re: 75A-4 birdies  
by Bill Jarvis <B.H.Jarvis@hw.ac.uk>
- 15) RE: Knurled fastener source?  
by "James C. Owen, III" <owen@piper.eeel.nist.gov>
- 16) Re: 75A-4 birdies  
by "A. B. Bonds" <ab@vuse.vanderbilt.edu>
- 17) 1937 SX-15 for sale  
by Pete Smith <n4zr@contesting.com>
- 18) Re: 75A-4 birdies  
by "Mike B. Feher" <n4fs@monmouth.com>
- 19) FS Homebrew Amp

by George T Folse III <kb5ww@bellsouth.net>  
20) Fwd: re: R-392  
by Glenn Finerman <glennfin@mjet.com>  
21) My "New" R-390 (not A)!  
by Greg Carter <kx4r@atl.mindspring.com>  
22) Re: Homebrew Amp  
by George T Folse III <kb5ww@bellsouth.net>

-----  
Date: Fri, 7 Aug 1998 07:08:26 -0400  
From: polepeeg@aa4rm.ba-watch.org (BA Marina Electrician)  
Message-Id: <199808071108.HAA20667@aa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: BA rah-rah

Sounds like a 6SQ7, eh?

] From owner-boatanchors@theporch.com Thu Aug 6 17:32:52 1998  
] Date: Thu, 6 Aug 1998 17:31:20 -0400  
] Subject: BA rah-rah  
]  
]  
] >Duodiode, hi mu triode,  
] >Oscillator, modulator,  
] >Zap,zap,zap!  
] >  
]  
] fm Pete WA5JCI via Barry WA4IZR

-----  
Message-ID: <35CAF37A.2835D62C@pixi.com>  
Date: Fri, 07 Aug 1998 02:30:50 -1000  
From: Raymond Cote <rcote@pixi.com>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: hro-500 again  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Mohammad,

I have a bunch of Germanium transistors if you want me to check  
stock on your needs. I might have the one(s) you need.  
Ray in Honolulu

Mohammad Ali wrote:

> next question are the germanium transistors replacable with  
> a modern day equivalent?  
>  
> mali1@ou.edu

-----  
Message-ID: <000001bdc1f7\$4e162940\$13486420@m118046h.stny.lrun.com>  
From: "Bill Coleman N2BC" <n2bc@ibm.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: 75A-4 birdies  
Date: Fri, 7 Aug 1998 07:32:32 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Actually a pair of birdies.... I'm getting an S3-ish solid and stable  
birdie at 1820kc and 2275kc - hmmm.. they are 455kc apart. They are still  
there after pulling the RF amp, 1st mixer and HF osc, and the notch filter  
nulls them - so my logic says its the 2nd mixer or 1st IF. It's present on  
all bands - in exactly the same position of the PT0 - another pointer to the  
2nd mixer / 1st IF. Conversely it quits when I pull the 2nd mixer, 1st IF or  
mech. filter.

Voltages in both stages (2nd mixer & 1st IF) are nominal.

I'm not exactly sure what brought this on... I had removed the front panel  
to clean the RF and AF gain pots and install a new drum overlay. I also  
adjusted the PT0 end points, which I had not done when I refurbered the RX  
last year. That's when I noticed it was giving me the bird(s) !

Any ideas? Also, what's the nominal PT0 injection voltage? I'm seeing a  
nice clean 4V P-P on the 2nd mixer input from the PT0.

73, Bill N2BC

-----  
Date: Fri, 7 Aug 1998 07:56:39 -0400  
From: polepeeg@aaa4rm.ba-watch.org (BA Marina Electrician)  
Message-Id: <199808071156.HAA20735@aaa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: TV10 settings for oldies

My TV10's roll hasn't even a 6B4G much less a 45 or a 2A3 or a 78 or a....

You get it.

If you've got an older roll I'd sure like a chance to copy some of the 'legacy data' (geez - pop tech talk)

Thanks,

Marty

-----  
Message-ID: <001001bdc214\$dda42ae0\$2318bfd1@n4fs>  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 75A-4 birdies  
Date: Fri, 7 Aug 1998 08:05:11 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Bill -

Not only are they 455 KHz apart but they are themselves multiples of 455KHz.  $4 \times 455 = 1820$  and  $5 \times 455 = 2275$ . Since you have the front end essentially out of the circuit 455 must be getting into the second, tunable IF, which I believe is from 1500 to 2500. So the fourth harmonic would be the point when the first IF is tuned to 1820 and the fifth when the IF is at 2275. I would think you would find this on all bands, and, re-reading your post, I guess it indeed does is on all bands. Wonder if when you took it apart somehow you managed to force the BFO on. If the BFO is either too strong or rich in harmonics it could be the problem. Hope this gives you some clues. 73 -  
Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell, NJ, 07731  
732-901-9193

-----Original Message-----

From: Bill Coleman N2BC <n2bc@ibm.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Date: Friday, August 07, 1998 4:34 AM  
Subject: 75A-4 birdies

>Actually a pair of birdies.... I'm getting an S3-ish solid and stable  
>birdie at 1820kc and 2275kc - hmmm.. they are 455kc apart. They are still  
>there after pulling the RF amp, 1st mixer and HF osc, and the notch filter  
>nulls them - so my logic says its the 2nd mixer or 1st IF. It's present on

>all bands - in exactly the same position of the PT0 - another pointer to  
the  
>2nd mixer / 1st IF. Conversely it quits when I pull the 2nd mixer, 1st IF  
or  
>mech. filter.  
>  
>Voltages in both stages (2nd mixer & 1st IF) are nominal.  
>  
>I'm not exactly sure what brought this on... I had removed the front panel  
>to clean the RF and AF gain pots and install a new drum overlay. I also  
>adjusted the PT0 end points, which I had not done when I refurbed the RX  
>last year. That's when I noticed it was giving me the bird(s) !  
>  
>Any ideas? Also, what's the nominal PT0 injection voltage? I'm seeing a  
>nice clean 4V P-P on the 2nd mixer input from the PT0.  
>  
>73, Bill N2BC  
>  
>  
>

-----  
Date: Fri, 7 Aug 1998 08:02:57 -0400  
From: polepeeg@aaa4rm.ba-watch.org (BA Marina Electrician)  
Message-Id: <199808071202.IAA20754@aaa4rm.ba-watch.org>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: 2A3 oscillations anyone?

I've now had TWO instances of 2A3s oscillating around 80kcs.

First was in a Brook amp mebbe 8 yrs ago. Both tubes showed good emission,  
mu, and NO shorts. But B+ current was fierce - & scope showed why.

Just happened on a HB amp with a UTC output xfrm (tks Patty & Dee).

In both instances, changing the one goofy 2A3 was the fix.

Both amps had long plate leads - & I expect a RFC in each plate lead mighta  
fissed it - or 10 pf cross-coupled neutralization might fix it too.

Anyone else ever see this? Maybe in the audio driver of a HT4/BC610?

Marty

-----  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Date: Fri, 7 Aug 1998 13:07 +0100 (BST)  
From: midshires@cix.co.uk (Andrew Emmerson)  
Subject: Need help to buy a Collins filter  
To: Old Tube Radios <boatanchors@theporch.com>  
CC: midshires@cix.co.uk  
Message-Id: <memo.19980807130720.553F@midshires.compulink.co.uk>

Greetings all! I need a Collins 500Hz CW mechanical filter, type 526-8693-010, in order to fulfil my side of a bargain. I can see the product on the relevant web page but there's no indication how you buy them. As I need only one, I cannot imagine Rockwell will want to sell me just one.

Can someone point me to a reliable mail order supplier? Or does someone have one for sale? All help will be appreciated -- thanks!

73,  
Andy G8PTH

Andrew Emmerson  
tel: 07000-405625, international +44 1604-844130  
fax: 01604-821647, international +44 1604-821647

-----  
Message-ID: <000001bdc205\$9084f6e0\$26486420@m118046h.stny.lrun.com>  
From: "Bill Coleman N2BC" <n2bc@ibm.net>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: 75A-4 birdies  
Date: Fri, 7 Aug 1998 09:15:02 -0400  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

BINGO! I never thought about the BFO. I'm not sure what the exact bug is yet but it's positively coming from the BFO.

Now for a Friday morning yuk - I just spent 20 minutes chasing a new birdie at 2400kc. That turned out to be my signal generator idling away on....  
2400.

I'm late for real work. Mike, a million thanks!!

-----Original Message-----  
From: Mike B. Feher <n4fs@monmouth.com>  
To: n2bc@ibm.net <n2bc@ibm.net>; Old Tube Radios <boatanchors@theporch.com>

Date: Friday, August 07, 1998 8:01 AM  
Subject: Re: 75A-4 birdies

>Bill -

>

>Not only are they 455 KHz apart but they are themselves multiples of 455KHz.

>4\*455=1820 and 5\*455=2275. Since you have the front end essentially out of the circuit 455 must be getting into the second, tunable IF, which I believe

>is from 1500 to 2500. So the fourth harmonic would be the point when the first IF is tuned to 1820 and the fifth when the IF is at 2275. I would think you would find this on all bands, and, re-reading your post, I guess it indeed does is on all bands. Wonder if when you took it apart somehow you

>managed to force the BFO on. If the BFO is either too strong or rich in harmonics it could be the problem. Hope this gives you some clues. 73 -

>Mike

>

>Mike B. Feher, N4FS

>89 Arnold Blvd.

>Howell, NJ, 07731

>732-901-9193

-----  
From: WJoeW@aol.com  
Message-ID: <6c397cf6.35cb058d@aol.com>  
Date: Fri, 7 Aug 1998 09:47:56 EDT  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Subject: Question re R-1051 receivers  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

(ah, but there are 2 TUBES in mine, so this is a legit post!)

If the serial number begins with a "B", does this make it an R-1051B?

Joe  
W5WBR

-----  
Content-return: allowed  
Date: Fri, 07 Aug 1998 10:33:00 -0400  
From: "Owens, Clarence" <owensc@nebeng.otis.com>  
Subject: RE: TV10 settings for oldies  
To: Old Tube Radios <boatanchors@theporch.com>

Message-id: <0EXB00AE3PWCQ9@mailman.otis.com>  
MIME-version: 1.0  
Content-type: text/plain

Hi Marty,

I tried to send this before and our mailer seems to have trashed it... sorry if it arrives twice...

I have the solution if you are referring to the navy TV-10x/U tester. I have an original manual with a tube chart that has most or all of the older tubes. I've checked \*my\* 45's from that chart. I may already have a spare copy besides the one I use to save wear on the roll chart; if not I can make a copy of the whole book for you next week. Postage plus a couple bucks. Let me know.

73,

Clare Owens N2RJB  
owensc@nebeng.otis.com  
-----

From: polepeeg@aa4rm.ba-watch.org  
To: Old Tube Radios  
Subject: TV10 settings for oldies  
Date: Friday, August 07, 1998 7:56AM

My TV10's roll hasn't even a 6B4G much less a 45 or a 2A3 or a 78 or a....

You get it.

If you've got an older roll I'd sure like a chance to copy some of the 'legacy data' (geez - pop tech talk)

Thanks,

Marty

-----  
Message-Id: <3.0.1.32.19980807104950.00a7ac40@vuse.vanderbilt.edu>  
Date: Fri, 07 Aug 1998 10:49:50 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Subject: Filter of sorts in SX-42???  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

I'm slogging my way through an SX-42 and have finally tackled the RF box.



(Note in passing--I just finished a National rx, and it was a picnic compared with this hog trough....) This is an "early" SX-42. On the cathode of the second RF amp (6AG5) it has a 0.05 uF bypass, which is (by the original design) in series with a 33 ohm resistor/rf choke parallel combo. The rf choke is simply about ten turns of #28 or so wire around the resistor body.

As I removed the bypass cap, I noted that the resistor/choke assembly was shorted by a wire obviously added later. This set looks like it had been invaded by the Serbians some years ago, and it's not clear whether the short was intentional or a kluge. I then checked my paperwork (there are at least three different versions of the design). In the later two designs, the resistor/choke combo is deleted, implying that the short I found may have been a factory-specified upgrade.

Any more wisdom on this? Having a choke in series with the C would prevent the higher frequencies from being bypassed, which in turn would reduce HF gain. Yes? No? I am thinking it was originally intended as a parasitic filter, and they later found out it was unnecessary.

73            A. B. Bonds

-----  
From: JESelkregg@aol.com  
Message-ID: <9ccfe657.35cb3579@aol.com>  
Date: Fri, 7 Aug 1998 13:12:23 EDT  
To: Old Tube Radios <boatanchors@theporch.com>  
Mime-Version: 1.0  
Subject: Knurled fastener source?  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7bit

Is there a known source for knurled fasteners such as used on Hammerlund Super Pro dust covers and on some early Hallicrafters dust covers? These were originally nickel plated but I would settle for any finish. These are 6-32s & 8-32s.

Thanks,

Joe Selkregg

-----  
Date: Fri, 7 Aug 1998 13:31:53 -0400  
From: jkh@lexis-nexis.com (John Heck)  
Message-Id: <199808071731.NAA211110@psc7128.lexis-nexis.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Tell Me About The National RDZ

Folks,

I just picked up a pretty well modified example of a Navy National RDZ receiver. It's evidently a 200-400MC receiver, the manual being May 1, 1946. It's definately a battle ship anchor. I'm big but needed help getting it in the back of the truck. The old fellow who owned it seems to have removed the autotuning unit on the left side and replaced it with a variable tuning unit(originally fixed tune using crystals I believe). It works well. He fired it up and we listened to the control tower out at the local airport. Other than the mods it's in excellent condition and the manual that came with it is the original Navy Department issue with fancy binder, etc. Manufactured by National and built like a tank. I will now be able to listen to the airport traffic in style, but will not be able to put it under my pillow! (could almost make up a bunk on top of it, though, would be nice in the winter ;^)

If anybody knows more about this venerable receiver and would like to share, I would like to know more about it. If(wonder of wonders) anybody has, or has a lead on, parts to help me make it original please let me know. Thanks.

Regards,  
John Heck, KC8ETS  
1009 Donson Drive  
Dayton, Ohio 45429  
(937)865-7036(work)  
jkh@lexis-nexis.com

-----  
Message-Id: <199808071802.TAA12239@punt2.hw.ac.uk>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
CC: boatanchors <boatanchors@theporch.com>  
Date: Fri, 07 Aug 1998 19:02:06 +500  
Subject: Re: 75A-4 birdies

On 1998-08-07 n4fs@monmouth.com said:

Bill -

Not only are they 455 KHz apart but they are themselves multiples of 455KHz.  $4 \times 455 = 1820$  and  $5 \times 455 = 2275$ . Since you have the front end essentially out of the circuit 455 must be getting into the second, tunable IF, which I believe is from 1500 to 2500. So the fourth harmonic would be the point when the first IF is tuned to 1820 and the fifth when the IF is at 2275. I would think you would find this on all bands, and, re-reading your post, I guess it indeed does is on all bands. Wonder if when you took it apart somehow you managed to force the BFO on. If the BFO is either too strong or rich in harmonics it could be the problem. Hope this gives you some clues.

73 - Mike

Mike B. Feher, N4FS



Message-Id: <3.0.1.32.19980807130754.00a77850@vuse.vanderbilt.edu>  
Date: Fri, 07 Aug 1998 13:07:54 -0500  
To: Old Tube Radios <boatanchors@theporch.com>  
From: "A. B. Bonds" <ab@vuse.vanderbilt.edu>  
Subject: Re: 75A-4 birdies  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 07:02 PM 8/7/98 +500, you wrote:

>I've seen a very neat mod along those lines: a "gimmick wire" is run  
>from an IF anode to near an IF grid until oscillation sets in; then that  
>wire can be earthed with a switch if you want "switched Q  
>multiplication".  
>

That's how Halli gets a BFO for the S-38 series.....

A. B. Bonds

-----  
Message-Id: <3.0.1.16.19980807195209.3f07af84@popd.ix.netcom.com>  
Date: Fri, 07 Aug 1998 19:52:09  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Pete Smith <n4zr@contesting.com>  
Subject: 1937 SX-15 for sale  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Previously, I mentioned this radio here -- it belongs to a non-ham friend who has asked me to sell it. It *is* an SX-15, by virtue of the crystal filter. Cosmetically, the front panel is virtually perfect. The bandspread window is somewhat yellowed, and the metal band-set dial is somewhat tarnished, but there are no scratches anywhere. The case is almost as good, though there are a few marks on, not through, the crackle finish on the top. Inside, the chassis is very clean, and all components are apparently original except for the HV filter capacitors, which were replaced with more modern electrolytics. An old-fashioned microphone connector has been added to the back panel for a headphone connection, and a closed-circuit phone jack provides for switching a resistor in the grid of the audio driver, probably for muting purposes.

I fired it up the other night, and received numerous short-wave broadcasts and CW signals on the higher bands. Oddly, I was not able to hear anything on the AM broadcast band, so it may be that there are some band-specific components there that will need replacement. In any case, I'd prefer to sell it in its current near-pristine state rather than mess around, particularly since I've mostly forgotten what little I ever knew about troubleshooting tube radios.

I'm looking for \$200 or best offer, plus shipping from 25430.

Another question, from a real neophyte -- how can you give both parties in such a transaction a reasonable comfort level, when they may be miles apart -- even in another country -- and have never met? I've heard there are escrow services on the net that exist to provide this service for a small fee -- like 2-4 percent of the purchase price -- but don't know if it's a breach of etiquette even to suggest this in BA circles?

73, Pete Smith N4ZR  
n4zr@contesting.com

"That's WEST Virginia. Thanks and 73"

-----  
Message-ID: <003601bdc256\$bb285300\$3f18bfd1@n4fs>  
From: "Mike B. Feher" <n4fs@monmouth.com>  
To: Old Tube Radios <boatanchors@theporch.com>  
Cc: "boatanchors" <boatanchors@theporch.com>  
Subject: Re: 75A-4 birdies  
Date: Fri, 7 Aug 1998 15:57:16 -0700  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

I doubt that very much. If the second IF was oscillating it would overload the receiver and create a shrill regardless of where the first IF was tuned. Also the problem was non existent according to Bill prior to his working on the set. 73 - Mike

Mike B. Feher, N4FS  
89 Arnold Blvd.  
Howell, NJ, 07731  
732-901-9193

-----Original Message-----  
From: Bill Jarvis <B.H.Jarvis@hw.ac.uk>  
To: n4fs <n4fs@monmouth.com>  
Cc: boatanchors <boatanchors@theporch.com>  
Date: Friday, August 07, 1998 11:02 AM  
Subject: Re: 75A-4 birdies

>On 1998-08-07 n4fs@monmouth.com said:  
> Bill -  
> Not only are they 455 KHz apart but they are themselves multiples



All,

I have a homebrew linear amp FS. It is built in a 6ft rack, with all heavy duty quality parts. It uses a pair of 4-400s. I will sell it cheap, pick up only. I am in Gretna, La. near New Orleans. Email me for more info.

73s

George

-----  
Message-Id: <199808072135.QAA29199@sco.theporch.com>

Date: Fri, 07 Aug 1998 17:37:48 -0400

To: Old Tube Radios <boatanchors@theporch.com>

From: Glenn Finerman <glennfin@mjet.com>

Subject: Fwd: re: R-392

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

>

>Thank you so much for the helpful reply Charles.

>

>I really appreciate your offer to answer questions about the  
>mighty R392, as I will probably have a few more in the coming  
>weeks, the more I get into restoring this beauty....You have  
>five??!! I guess you like them!!!

>

>I realized after I made my post, I could probably find a good match  
>for the Olive Drab paint at our local, well stocked Hobby Shop.  
>Just called the place and they do in fact have an olive drab paint  
>for Military models. I think It's enamel which is good. What do you know  
>about this "laquer stick" stuff? The front panel is engraved so that will  
>make refinishing easy (if I decide not to leave it as is)

>

>As far as the Balun, I remember constructing a Balun for a Beverage  
>antenna a while ago and I think I used an FT-43 type core which  
>should be ok for a broad band transformer in the 1 to 30mhz range  
>...(not sure about that, will have to check my notes)

>

>What kind of a supply are you using on yours? I'm homebrewing  
>something right now but I'm not sure it will handle the inrush current  
>when the filaments are first turned on... It uses an LM338, 5amp  
>adjustable regulator for the filament side and a LM350, 3 amp  
>adjustable regulator for the plate side. Think that will be enough?  
>Hope the 5 amp regulator doesn't cough when I turn on the R392!!

>

>Thanks again Charles!!.....73...

>

>Glenn Finerman K2KL

>

73.....Glenn Finerman K2KL

Owner / Operator of the K2KL 10 meter Beacon  
on 28.218 (PSE QSL!!!)

-----  
Message-Id: <3.0.5.16.19980807152043.3f174e66@pop.atl.mindspring.com>  
Date: Fri, 07 Aug 1998 15:20:43 -0400  
To: Old Tube Radios <boatanchors@theporch.com>  
From: Greg Carter <kx4r@atl.mindspring.com>  
Subject: My "New" R-390 (not A)!  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Gang !

I just wanted to let everyone in on my excitement over  
my newest BA receiver.....a Collins R390 ...and to let  
everyone know of a great fellow out west that I met because  
of this ole beast !

First of all , when acquired the R390 was pretty nasty inside  
and only about a 5 out of 10 cosmetically. And it didn't work  
at all. I decided after reading all the information I could find  
that my level of expertise was not sufficient to tackle this  
radio and that's when I stumbled across David Medley in  
Tucson Az. It seems that Dave is an ex-Collins employee and  
absolutely loves the 390, so after a couple of e-mails , the radio  
was boxed up and sent on it's way to Dave for a major refurb.

As I sit here typing this, I am listening to a local BC station on my  
completely new looking R390 and I'm just about as pleased as  
I can possibly be ! What a great radio....and the looks, both inside  
and out are now outstanding.....front panel and knobs repainted,  
inside all nice and clean and gears lubed. Tuning is smooth as  
silk.....What could be better !

And during the time that the radio was in Dave's hands I was kept  
abreast of every development and problem that popped up,(and  
there was many!) during restoration.

All I can say is that I'm extremely pleased with my new R390 and I  
want to highly recommend David Medley as an invaluable source  
of info, parts, and technical expertise on this radio and a perfect  
gentleman very willing to share with you his knowledge!

Now back to the listening.....let's see if I can find that Braves game.....  
or VOA....or the BBC .....:>)



73 to all !  
Greg KX4R  
kx4r@mindspring.com.

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Message-ID: <35CB9C53.731E@bellsouth.net>  
Date: Fri, 07 Aug 1998 19:31:15 -0500  
From: George T Folse III <kb5ww@bellsouth.net>  
MIME-Version: 1.0  
To: Old Tube Radios <boatanchors@theporch.com>  
Subject: Re: Homebrew Amp  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

All,

I did not think I would get so many replies on the amp,so I will give as much detail that I can think of.

The amp has a huge plate trans. with a 4 position selection switch. The range is 1500,2200,3000,and3700 volts at 3 amps,with a 10kv bridge rectifier,2 oiled filled caps,bleeder resistors,and filter choke.It has all Johnson var.tuning caps.and a Johnson tank coil.It uses a pair of 4-400s.It also has a built in antenna tuner with a roller inductor.All relays are 12vdc,there is a 12 ps built in also.Everything is in a 6 ft.rack mount cabinet,very heavy.

The amp was built for AM use,I have never used it on SSB. I also never had it up to max output,so I can't say what it is.The max that I had it on AM is 500 to 600 watts using 25w of drive.

I am not using the amp anymore,it is in my garage in my way. I will take \$200 for it,pick up only.I am located in Gretna,La. near New Orleans. If anymore info is need,please email me.

The PS in this unit is worth more than \$200 alone.

73s,  
George

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End of BOATANCHORS Digest 2158  
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